

MC



PCT09

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/980,370

DATE: 05/07/2002
 TIME: 16:05:27

Input Set : A:\22975-20015.00.txt
 Output Set: N:\CRF3\05072002\I980370.raw

ENTERED

4 <110> APPLICANT: COLLYER, Charles Andrew
 5 HUNTER Neil
 6 DE CARLO, Arthur Anthony Jr.
 8 <120> TITLE OF INVENTION: A METHOD OF PROPHYLAXIS AND TREATMENT
 9 AND AGENTS USEFUL FOR SAME
 11 <130> FILE REFERENCE: 229752001500
 13 <140> CURRENT APPLICATION NUMBER: US 09/980,370
 14 <141> CURRENT FILING DATE: 2001-11-28
 16 <150> PRIOR APPLICATION NUMBER: PCT/AU00/00599
 17 <151> PRIOR FILING DATE: 2000-05-26
 19 <150> PRIOR APPLICATION NUMBER: PQ 0652/99
 20 <151> PRIOR FILING DATE: 1999-05-28
 22 <160> NUMBER OF SEQ ID NOS: 8
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 15
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Porphyromonas gingivalis
 31 <400> SEQUENCE: 1
 32 Ala Leu Asn Pro Asp Asn Tyr Leu Ile Ser Lys Asp Val Thr Gly
 33 1 5 10 15
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 25
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Synthetic construct
 43 <400> SEQUENCE: 2
 44 aacctgcagc gcgcagactt cacgg 25
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 28
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Synthetic construct
 54 <400> SEQUENCE: 3
 55 ggaagccaat ggcgcacaaa gatctagt 28
 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 20
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Artificial sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Synthetic construct

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65 <400> SEQUENCE: 4
66 Gly Glu Ala Pro Ala Glu Trp Thr Thr Ile Asp Ala Asp Gly Asp Gly
67 1 5 10 15
68 Gln Gly Trp Leu
69 20
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 402
73 <212> TYPE: DNA
74 <213> ORGANISM: Porphyromonas gingivalis
76 <220> FEATURE:
77 <221> NAME/KEY: CDS
78 <222> LOCATION: (1)...(402)
80 <400> SEQUENCE: 5
81 gca gac ttc acg gaa acg ttc gag tct tct act cat gga gag gca cca 48
82 Ala Asp Phe Thr Glu Thr Phe Glu Ser Ser Thr His Gly Glu Ala Pro
83 1 5 10 15
85 gcg gaa tgg act act atc gat gcc gat ggc gat ggt gag ggt tgg ctc 96
86 Ala Glu Trp Thr Thr Ile Asp Ala Asp Gly Asp Gly Glu Gly Trp Leu
87 20 25 30
89 tgt ctg tct tcc gga caa ttg gac tgg ctc aca gct cat ggc ggc acc 144
90 Cys Leu Ser Ser Gly Gln Leu Asp Trp Leu Thr Ala His Gly Gly Thr
91 35 40 45
93 aac gta gta agc tct ttc tca tgg aat gga atg gct ttg aat cct gat 192
94 Asn Val Val Ser Ser Phe Ser Trp Asn Gly Met Ala Leu Asn Pro Asp
95 50 55 60
97 aac tat ctc atc tca aag gat gtt aca ggc gca acg aag gta aag tac 240
98 Asn Tyr Leu Ile Ser Lys Asp Val Thr Gly Ala Thr Lys Val Lys Tyr
99 65 70 75 80
101 tac tat cca gtc aac gac ggt ttt ccc ggg gat cac tat gcg gtg atg 288
102 Tyr Tyr Pro Val Asn Asp Gly Phe Pro Gly Asp His Tyr Ala Val Met
103 85 90 95
105 atc tcc aag acg ggc acg aac gcc gga gac ttc acg gtt gtt ttc gaa 336
106 Ile Ser Lys Thr Gly Thr Asn Ala Gly Asp Phe Thr Val Val Phe Glu
107 100 105 110
109 gaa acg cct aac gga ata aat aag ggc gga gca aga ttc ggt ctt tcc 384
110 Glu Thr Pro Asn Gly Ile Asn Lys Gly Gly Ala Arg Phe Gly Leu Ser
111 115 120 125
113 acg gaa gcc aat ggc gcc 402
114 Thr Glu Ala Asn Gly Ala
115 130
118 <210> SEQ ID NO: 6
119 <211> LENGTH: 134
120 <212> TYPE: PRT
121 <213> ORGANISM: Porphyromonas gingivalis
123 <400> SEQUENCE: 6
124 Ala Asp Phe Thr Glu Thr Phe Glu Ser Ser Thr His Gly Glu Ala Pro
125 1 5 10 15
126 Ala Glu Trp Thr Thr Ile Asp Ala Asp Gly Asp Gly Glu Gly Trp Leu
127 20 25 30

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128 Cys Leu Ser Ser Gly Gln Leu Asp Trp Leu Thr Ala His Gly Gly Thr
129           35                     40                     45
130 Asn Val Val Ser Ser Phe Ser Trp Asn Gly Met Ala Leu Asn Pro Asp
131           50                     55                     60
132 Asn Tyr Leu Ile Ser Lys Asp Val Thr Gly Ala Thr Lys Val Lys Tyr
133 65           70                     75                     80
134 Tyr Tyr Pro Val Asn Asp Gly Phe Pro Gly Asp His Tyr Ala Val Met
135           85                     90                     95
136 Ile Ser Lys Thr Gly Thr Asn Ala Gly Asp Phe Thr Val Val Phe Glu
137           100                    105                    110
138 Glu Thr Pro Asn Gly Ile Asn Lys Gly Gly Ala Arg Phe Gly Leu Ser
139           115                    120                    125
140 Thr Glu Ala Asn Gly Ala
141           130

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143 <210> SEQ ID NO: 7

144 <211> LENGTH: 63

145 <212> TYPE: DNA

146 <213> ORGANISM: Porphyromonas gingivalis

148 <220> FEATURE:

149 <221> NAME/KEY: CDS

150 <222> LOCATION: (1)...(63)

152 <400> SEQUENCE: 7

153 gct ttg aat cct gat aac tat ctc atc tca aag gat gtt aca ggc gca 48

154 Ala Leu Asn Pro Asp Asn Tyr Leu Ile Ser Lys Asp Val Thr Gly Ala

155 1 5 10 15

157 acg aag gta aag tac 63

158 Thr Lys Val Lys Tyr

159 20

162 <210> SEQ ID NO: 8

163 <211> LENGTH: 21

164 <212> TYPE: PRT

165 <213> ORGANISM: Porphyromonas gingivalis

167 <400> SEQUENCE: 8

168 Ala Leu Asn Pro Asp Asn Tyr Leu Ile Ser Lys Asp Val Thr Gly Ala

169 1 5 10 15

170 Thr Lys Val Lys Tyr

171 20

VERIFICATION SUMMARY

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